

Fig. 1

200

```

.data1 5,5,5,5 — 202
.data2 6,6,6,6 — 204

MOV data1 R2 — 206
LOOP1: MOV 4,R1 — 208
LOOP2: LD (R2),R3 — 210
ADD R3,1,R4 — 212
ADD R3,1,R3 — 214
SUB R1,1,R1 — 216
BN2 R1,LOOP2 — 218
MOV data2,R2 — 220
BR COND LOOP1 — 222
    
```

Fig. 2

	VECTOR	SYMBOL
302	MOV data1 R2	0
304	MOV 4 R1	1
306	{ LD (R2) R3	2
	{ ADD R3,1 R4	3
	{ ADD R3,1,R3	4
308	{ SUB R1,1,R1	5
	{ BN2 R1, LOOP2	6
310	{ LD (R2),R3	2
	{ ADD R3,1,R4	3
	{ ADD R3,1,R3	4
312	{ SUB R1,1,R1	7
	{ BN2 R1,LOOP2	8
314	{ LD (R2),R3	2
	{ ADD R3,1,R4	3
	{ ADD R3,1,R3	4
316	{ SUB R1,1,R1	9
	{ BN2 R1 LOOP2	10
318	{ LD (R2),R3	2
	{ ADD R3,1,R4	3
	{ ADD R3,1,R3	4
320	{ SUB R1,1,R1	11
	{ BN2 R1 LOOP2	12
322	MOV data2,R2	13
324	BR COND LOOP1	14

Fig. 3A

	VECTOR	SYMBOL
354	MOV 4, R1	1
	{ LD (R2),R3	15
356	{ ADD R3,1,R4	16
	{ ADD R3,1,R3	17
358	{ SUB R1,1,R1	5
	{ BN2 R1,LOOP2	6
	{ LD (R2),R3	15
360	{ ADD R3,1,R4	16
	{ ADD R3,1 R3	17
362	{ SUB R1,1,R1	7
	{ BN2 R1,LOOP2	8
	{ LD (R2),R3	15
364	{ ADD R3,1,R4	16
	{ ADD R3,1 R3	17
366	{ SUB R1,1,R1	9
	{ BN2 R1,LOOP2	10
	{ LD (R2),R3	15
368	{ ADD R3,1,R4	16
	{ ADD R3,1,R3	17
370	{ SUB R1,1,R1	11
	{ BN2 R1,LOOP2	12

Fig. 3B

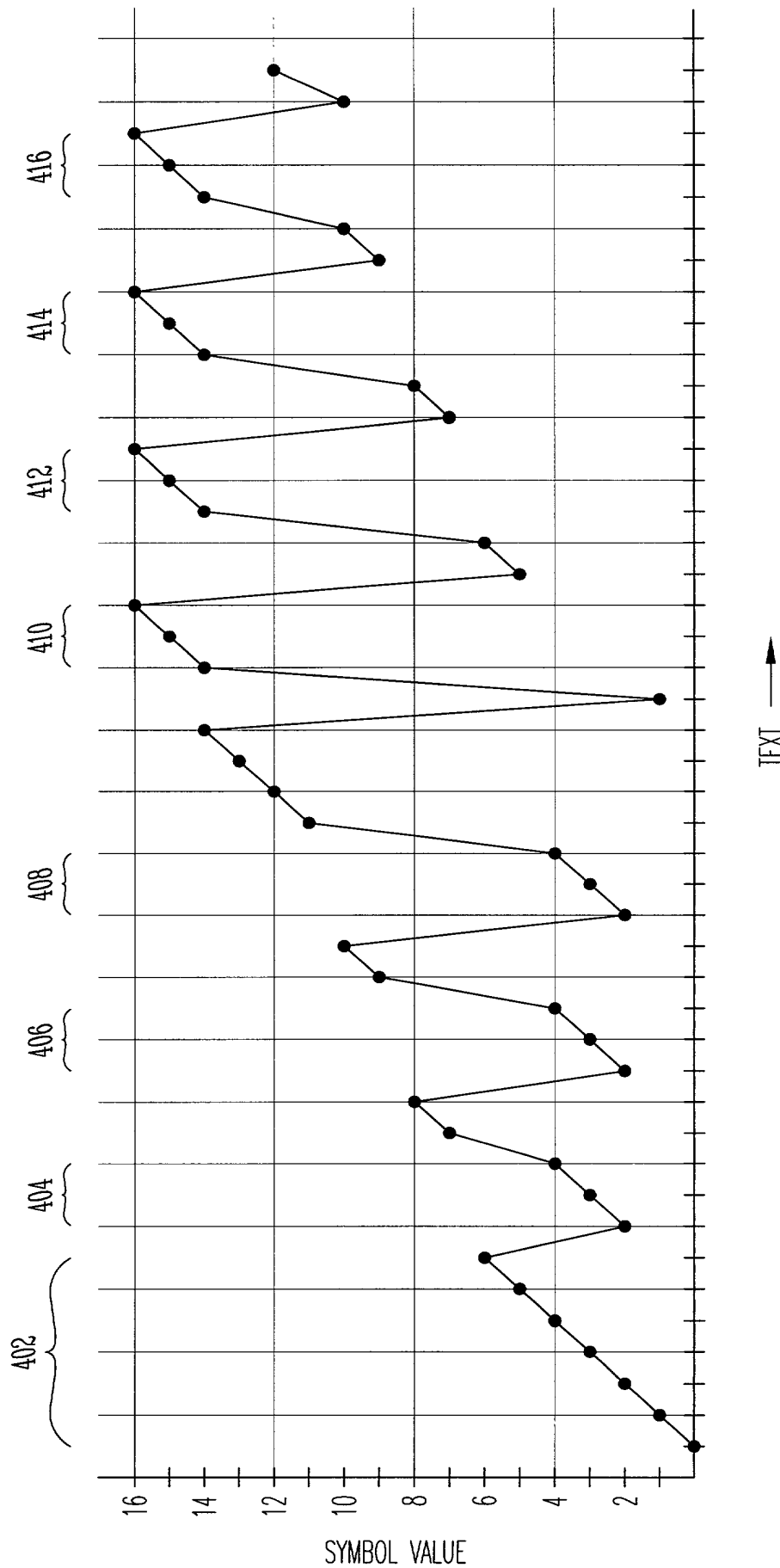


Fig. 4

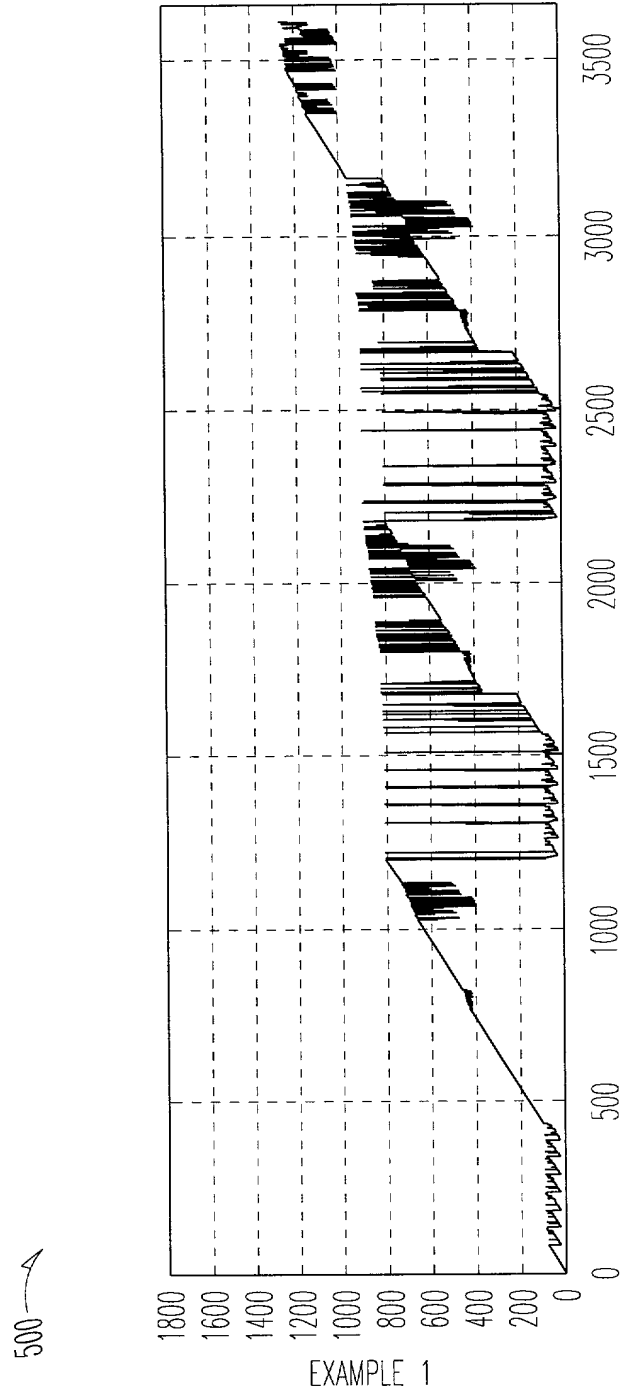


Fig. 5

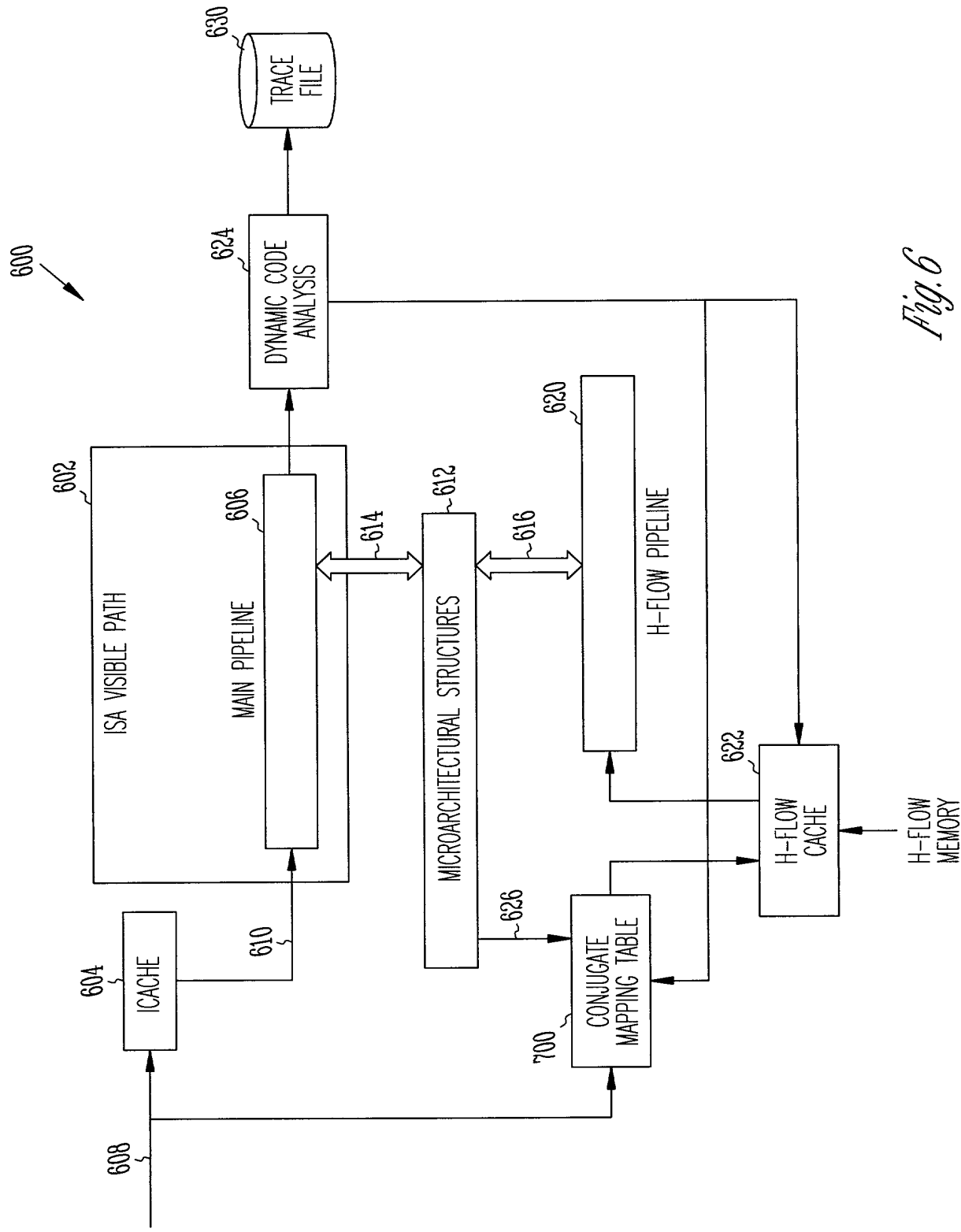


Fig. 6

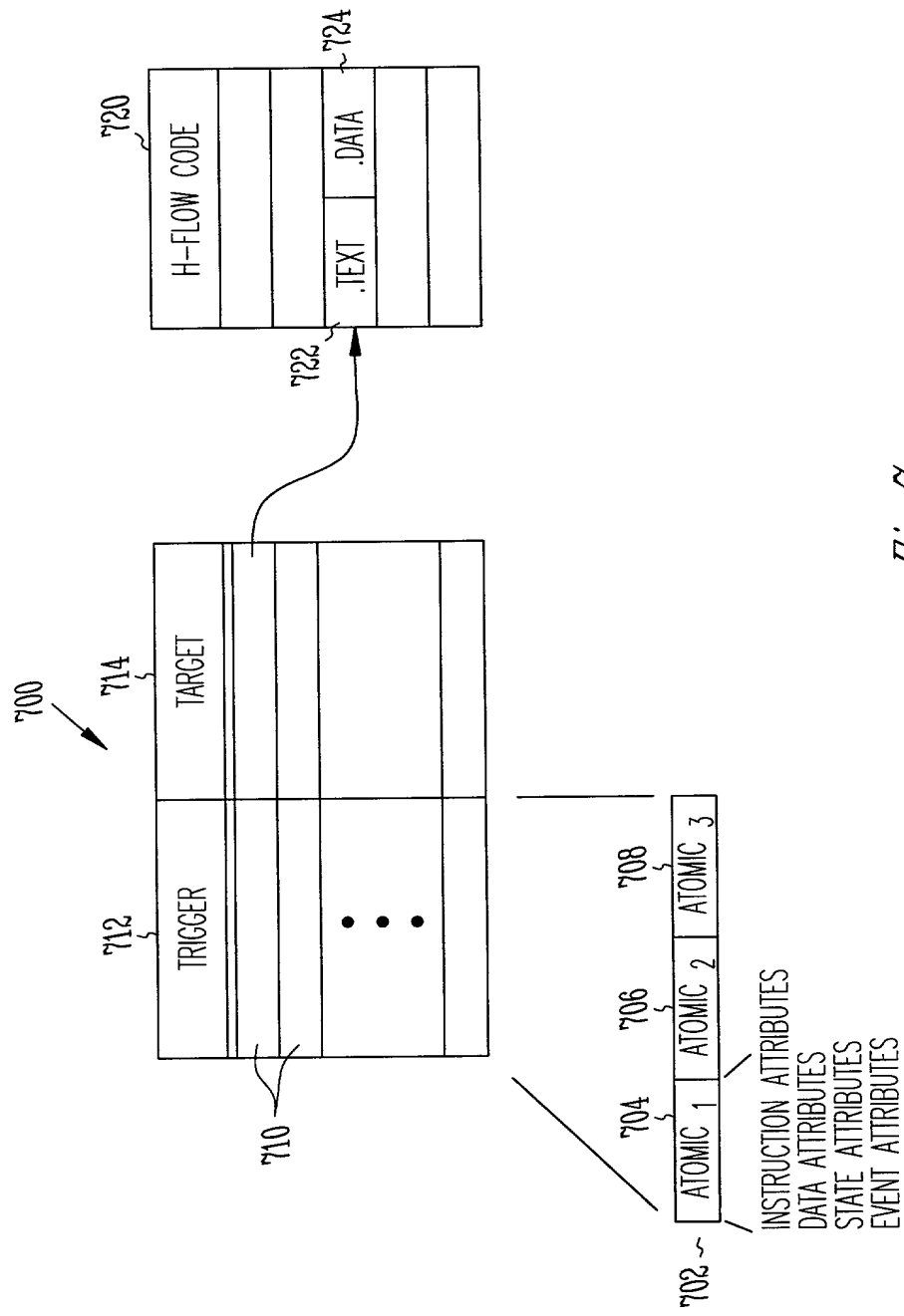


Fig. 7

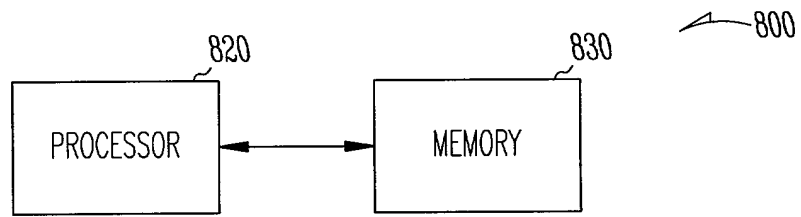


Fig. 8